

# How to ~~revive~~ clean electroporation cuvettes?

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## 1<sup>st</sup> day (2 hours)

Begin procedure when beaker of electroporation cuvettes is full:

1. Fill beaker with  $\text{d}_2\text{H}_2\text{O}$
2. Stir to make sure that all cuvettes are filled with water
3. Sonicate for 20 minutes
4. Pour out  $\text{d}_2\text{H}_2\text{O}$
5. Fill beaker with bleach solution (if 1000mL beaker: 990mL water, 10mL 20% bleach) and stir to make sure there are no bubbles
6. Sonicate for 10 minutes – make sure to not go over
7. Pour out bleach solution and fill with water
8. Stir again to remove bubbles
9. Sonicate for 10 minutes
10. Pour out water and rinse with water 5 times
11. Lay out caps and cuvettes in the cell culture room hood
  - Make sure that you remove excess water on caps and cuvettes
12. Turn on UV light for 10 minutes
13. Allow to dry overnight in hood while leaving the fan on (do not completely close the hood)

## 2<sup>nd</sup> day (0.5 hours)

14. Choose 5 random cuvettes to ensure they are dry
15. Place caps on cuvette and put in plastic bag to store in 4C fridge

## A suggested team working protocol:

1. Kevin carries out 1st-hour procedure and tells Paula which step he stops.
2. Paula carries out the 2nd-hour procedure.
3. Either Kevin or Paula collects the cuvette on the next day.